



A report on  
**One day Industrial visit**  
to  
**CSIR- North East Institute of Science and Technology**

Organized by

**Department of Instrumentation Engineering, Jorhat Engineering college, Jorhat**



A one day industrial visit has been organized by the department of instrumentation Engineering, Jorhat Engineering College to one of the most prestigious and technically advanced CSIR laboratory in India, The CSIR-NIST. The visit was scheduled on 4<sup>th</sup> April of this year. Students from 6<sup>th</sup> semester have joined the visit. Around 9:30 we reached the refinery. Mr. Prakash Jyoti Saikia, Senior scientist, department of Analytical Chemistry, along with other departmental staff from department of instrumentation Engineering CSIR -NEIST received us with a warm welcome. Crossing the security checking, we received a site tour, guided by Mr. Prakash Jyoti Saikia. There we viewed many important plant of NRI. Some of them are –

- 1. Nuclear magnetic resonance spectrometer (NMR)**
- 2. Electron microscope**
- 3. Fourier transformation Infar-red spectrometer (FTIR)**
- 4. Atomic absorption spectrometer**
- 5. Gas chromatography**
- 6. High pressurized liquid chromatography (HPLC)**

our students got live demonstration of NMR spectrometer with hands on training from MR. PJ saikia. At around 4 o'clock in the evening, the visit ended with an inspiring speech from P.J Saikia



CSIR is a huge Laboratory, not only in size but also in technology. A one day visit is not sufficient to understand everything, but our student definitely got a glimpse, what the Instrumentation Engineering is! The got idea about how top to bottom instrumentation is related in every section of any laboratory. The visit is successfully completed.



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